

CLAIMS

The below listing of claims replaces all prior versions and listings of claims.

1. (currently amended) A gaming device comprising:

a housing;

a programmable top light on a top of the housing for conveying information about the gaming device, the top light comprising ~~at least one segment~~ a plurality of segments, each segment comprising a combination of red, green, and blue light emitting diodes (LEDs);

~~whose individual intensities are controllable to create a variety of light colors~~ a programmable controller electrically connected to each of the red, green, and blue LEDs in each segment, the controller comprising variable current sources connected to supply a controllable current to each of the red, green, and blue LEDs in each segment to control intensities of light emitted by each of the red, green, and blue LEDs in each segment; and

the controller also comprising a programmable control portion that is programmable for controlling the variable current sources to supply selected currents to the red, green, and blue LEDs in each segment to cause any of a variety of colors to be emitted from each segment for conveying information about the gaming device, such that the programmable top light may be used in any of a variety of jurisdictions that have different specifications for the color of light emitted by each segment of a top light,

the controller being programmed to cause each of the segments to emit one or more selected colors from the variety of colors that can be emitted from each segment.

2. (cancelled)

3. (currently amended) The device of Claim 1 wherein the ~~at least one segment~~ plurality of segments is two segments.

4. (currently amended) The device of Claim 1 wherein the ~~at least one segment~~ plurality of segments is three segments.

5. (original) The device of Claim 1 wherein the red, green, and blue LEDs comprises a module containing a red LED chip, a green LED chip, and a blue LED chip.

6. (original) The device of Claim 1 wherein the variety of light colors for conveying information about the gaming device comprises flashing light.

7. (original) The device of Claim 1 wherein the top light forms a cylindrical structure.

8. (original) The device of Claim 1 wherein the top light comprises a plurality of segments side-by-side.

9. (original) The device of Claim 1 further comprising a display screen in the housing.

10. (original) The device of Claim 1 further comprising multiple reels in the housing.

11. (currently amended) The device of Claim 1 further comprising a processor and a memory, the memory being programmed for generating top light control codes for at least one jurisdiction, the top light control codes being applied to at least one terminal of the controller to set a particular color emitted by each of the segments corresponding to the top light control codes.

12. (currently amended) The device of Claim 1 further comprising a processor and a memory, the memory being programmed for generating top light control codes for multiple jurisdictions, the top light control codes being applied to at least one terminal of the controller

to set a particular color emitted by each of the segments corresponding to the top light control codes.

13. (currently amended) The device of Claim 1 further comprising ~~a top light at least one terminal of the controller for~~ receiving digital codes ~~and converting~~, wherein the controller converts the digital codes to ~~signals~~ corresponding currents applied to the red, green, and blue LEDs in each segment for controlling brightness levels of the red, green, and blue LEDs to set a particular color emitted by each of the segments corresponding to the digital codes.

14. (original) The device of Claim 1 wherein the red, green, and blue LEDs are controlled to convey a denomination of the gaming device.

15. (original) The device of Claim 1 wherein the red, green, and blue LEDs are controlled to convey maintenance information to an operator of the gaming device.

16. (original) The device of Claim 1 wherein the top light further comprises a light diffuser, at least partially surrounding the red, green, and blue LEDs, for mixing the light colors.

17. (currently amended) A method for controlling a programmable top light on a gaming device, the top light comprising ~~at least one segment~~ a plurality of segments, each segment comprising a combination of red, green, and blue light emitting diodes (LEDs) whose individual intensities are controllable to create a variety of light colors for conveying information about the gaming device, the method comprising:

programming a controller electrically connected to each of the red, green, and blue LEDs in each segment, programming the controller comprising controlling variable current sources to supply a controllable current to each of the red, green, and blue LEDs in each segment to control intensities of light emitted by each of the red, green, and blue LEDs in each segment to cause any of a variety of colors to be emitted from each segment for conveying information about the gaming device, such that the programmable top light may be used in any of a variety of jurisdictions that have

different specifications for the color of light emitted by each segment of a top light;
and

applying currents, by the controller, to one or more of the red, green, and blue LEDs, corresponding to the programming of the controller, to control brightness levels of the red, green, and blue LEDs to convey information about the gaming device.

18. (original) The method of Claim 17 wherein applying currents to one or more of the red, green, and blue LEDs comprise applying currents to convey a denomination of the gaming device.

19. (original) The method of Claim 17 wherein applying currents to one or more of the red, green, and blue LEDs comprise applying currents to convey maintenance information to an operator of the gaming device.

20. (original) The method of Claim 17 further comprising detecting a change in a denomination being used in the gaming device and applying currents to one or more of the red, green, and blue LEDs to identify the denomination being actively used in the gaming device.

21. (new) The device of Claim 1 wherein the controller comprises a processor.

22. (new) The device of Claim 1 wherein the controller comprises firmware.

23. (new) The device of Claim 1 wherein the controller is programmed to cause the variable current sources to supply current ranging between zero current and a maximum current to the red, green, and blue LEDs in each segment.